

<Composition 14>

A management system for receiving orders, comprising: a Web page transmission section that transmits a Web page having a program for calculating a quotation added thereto to a receiving terminal operated by a user through a network; and an analysis section that, when a result of a calculated quotation on the receiving terminal is returned to the server and if a version of the Web page is within a specified range, validates the quotation.

The above relates to a system for implementing the method of Composition 4 in accordance with the present invention.

<Composition 15>

A management system for receiving orders, comprising: a Web page transmission section that transmits a Web page having a program for calculating a quotation added thereto to a receiving terminal operated by a user through a network; and a quotation recalculation section that, when a result of a calculated quotation on the receiving terminal or information required to calculate a quotation is returned to the server, performs a recalculation on the server under a condition identical to a condition in which the quotation calculation is performed on the receiving terminal, and issues a corresponding quotation based on the result of the recalculation.

The above relates to a system for implementing the method of Composition 5 in accordance with the present invention.

<Composition 16>

A Web page to be transmitted through a network from a server to a receiving terminal operated by a user, the Web page having the feature of comprising: a quotation calculation program that performs a quotation calculation based on a product selection made by the user on the Web page and displays a result thereof on the Web page; and a Web page tampering detection program that determines at a specified timing [interval] whether or not portions of the Web page whose alteration is prohibited has been tampered with .

The above relates to a Web page itself that implements the methods described above in accordance with the present invention.

<Composition 17>

A Web page to be transmitted through a network from a server to a receiving terminal operated by a user, the Web page having the feature of comprising: a quotation calculation program that performs a quotation calculation based on a product selection by the user on the Web page and displays a result thereof on the Web page; and a monitoring program that detects a quotation calculation that violates a specified rule at a specified timing [interval].

The above relates to a Web page itself that implements the methods described above in accordance with the present invention.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 shows a block diagram of an exemplary embodiment of a management system for receiving orders in accordance with the present invention.

Fig. 2 shows an illustration that describes an example of a Web page.

Fig. 3 (a) shows an illustration that describes a method for analyzing a quotation calculation result 11, and Fig. 3 (b) shows a flowchart of an operation of a server that focuses on an operation of an analysis section 6 that uses the quotation calculation result 11.

Fig. 4 shows a flowchart of an operation of the server mainly centered on an operation of a timer section.

Fig. 5 shows a flowchart of an example of a Web page tampering detection program and an operation of a monitoring program.

EMBODIMENTS OF THE INVENTION

Embodiments of the present invention are described below with reference to specific examples.

Fig. 1 shows a block diagram of an exemplary embodiment of a management system for receiving orders in accordance with the present invention.

A network 1 in the figure is the Internet. It is noted that the description is made with reference to the Internet as an example. However, the present invention is also applicable to other networks such as a telephone network, an Intranet and the like. The network 1 connects to a server 2 and a receiving terminal 3. In this example, a system for receiving orders and selling personal computers and their peripheral equipment through the Internet is introduced.

In this system, the server 2 provides, through the network 1, a Web page 10 that calculates a quotation for a personal computer and its options to be sold to the receiving terminal operated by the user. The server 2 is equipped with a Web page transmission section 4, a data reception section 5, an analysis section 6, a quotation recalculation section 7, a timer section 8, a database storage section 9 and a quotation issuing section 12.

The Web page transmission section 4 has a function to transmit the Web page 10 with a quotation calculation program added thereto. The Web page 10 is transmitted through a network such as the Internet, and is formed from data whose content can be displayed by a browser regardless of the type of the computer, such as, for example, data in HTML (hypertext markup language) format.

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For example, JavaScript (and object-oriented script language developed by Netscape) programs that execute a display control of characters, a simple calculation and the like may be incorporated into the Web page.

The Web page transmission section 4 refers to the database storage section 9 and incorporates information such as product codes and prices of a personal computer and options that is required for a quotation calculation together with the quotation calculation program. The Web page 10 displays lists of parts to be selected to the user using a form at the receiving terminal 3. The quotation calculation program adds prices of parts selected and displays the result as a quotation amount.

When the Web page 10 is transmitted to the receiving terminal that is operated by the user, the user utilizes the Web page 10, whereby calculation of quotations can be executed for personal computers of various specifications and the results are displayed in real time. At that moment, since there is no need to communicate with the server 2, a carefully thought out quotation calculation service can be provided without giving a load to the server 2. Also, it is noted that the calculation of quotations on the receiving terminal 3 can be performed off-line. Therefore, when the user is in a dial-up connection, the connection may be once turned off and when a desired configuration for a computer is decided, the connection may be re-established, and a formal quotation request can be made. In this manner, the user can have sufficient time to consider and can also cut down the communication costs.

The Web page transmission section 4 generates a Web page having such functions and transmits the same.

As a result of the quotation calculation using the Web page, the user decides on specifications of his preference, and makes a formal quotation request. The quotation request is returned to the server by a data transmission function of the browser. The data reception section 5 has a function to receive the data through the network. The analysis section 6 has a function to analyze at the server 2 whether or not the result of quotation calculation is appropriate. When the analysis section 6 makes a determination that the result of quotation calculation is valid, the quotation issuing section 12 issues a formal quotation.

The Web page 10 includes data for, for example, prices of products required for a quotation calculation, and the quotation calculation program automatically executes the quotation calculation. When the selection of products and the quotation calculation are normally performed, a quotation calculation result 11 returned from the receiving terminal 3 to the server is utilized as it is, such that a formal quotation can be issued. In other words, when the data indicating the selected products included in the quotation calculation result 11 and the result of the sum of the unit prices are used as they are, calculation on the server 2 is not